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JUN 17 2004

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DATE: June 17, 2004

TO: Art Group Unit 1600 (for Group 1647)

FAX NO.: (703) 872-9306

FROM: Arles A. Taylor, Jr. (ptw)

RE: Serial No. 09/874,103; Atty Docket No. 180/102/2

NUMBER OF PAGES TO FOLLOW: 13

If transmission is poor, or if you do not receive all pages, please
call (919) 493-8000 as soon as possible.

COMMENTS:

Attachment: Transmittal Letter (1 page);
Response B (12 pages).

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**JENKINS
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patent attorneys

June 17, 2004

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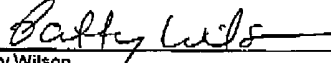
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United States Patent and Trademark Office on the date shown below.



Patty Wilson

Date of Signature June 17, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/874,103 for
**SUBSTANTIALLY NON-TOXIC BIOLOGICALLY ACTIVE
MUCOSAL ADJUVANTS IN VERTEBRATE SUBJECTS**
Our Ref. No. 180/102/2

Sir:

Please find attached in connection with the subject U.S. patent application the
following documents:

1. A Response B (12 pages).

The Commissioner is hereby authorized to charge any fees associated with the
filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.



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Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Staats et al.

Group Art Unit: 1647

Serial No.: 09/874,103

Examiner: Landsman, R. S.

Filed: June 5, 2001

Docket No.: 180/102/2

Confirmation No.: 6817

For: SUBSTANTIALLY NON-TOXIC BIOLOGICALLY ACTIVE MUCOSAL
ADJUVANTS IN VERTEBRATE SUBJECTS

RESPONSE B

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is responsive to the Official Action dated March 17, 2004, for which a
shortened statutory period for reply expires on June 17, 2004. Favorable consideration
is respectfully requested in view of the following Amendment and Remarks.